

20000825.qrp v01_n924.qrl.20000825

Date: Fri, 25 Aug 2000 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1924

QRP-L Digest 1924

Topics covered in this issue include:

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- 2) [78036] FS: Linux 7.1 For Windows
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- 3) [78037] Back on the air at last!
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- 6) [78040] FOX: not in NH
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- 7) [78041] FOX: N1FN
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [78042] Fox conditions
by Paul Womble <pwomble1@tampabay.rr.com>
- 9) [78043] FOX - WOW!
by Macstein@aol.com
- 10) [78044] Re: FS: Linux 7.1 For Windows
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by "Karl F. Larsen" <k5di@zianet.com>
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by John Wagner <john@neknetwork.com>
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- 14) [78048] NE602
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 15) [78049] Bubba Logging Software
by Paul Womble <pwomble1@tampabay.rr.com>
- 16) [78050] 40m Club Net tonight
by Joel Malman <malman@world.std.com>
- 17) [78051] Green Bank WV Telescope Operating Event
by SMurph555@aol.com
- 18) [78052] Who had Knwd 870 FS?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 19) [78053] Re: Bubba Logging Software

- by Bob Hightower <nk7m@extremezone.com>
- 20) [78054] BUBBA 2000
by Bob Hightower <nk7m@extremezone.com>
- 21) [78055] PROP: AL7FS loves a good evening on 20 meters.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 22) [78056] Re: NC20 question
by Dave Fifield <fifield@pacbell.net>
- 23) [78057] R8 Antenna - Tips Anyone?
by Dave Fifield <fifield@pacbell.net>
- 24) [78058] Re: NC20 question
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 25) [78059] HI QSO party website
by David M Kopacki <kf2ew@juno.com>
- 26) [78060] CC#
by "Thaire Bryant" <tbry37@ici.net>
- 27) [78061] Re: CC#
by "Brian" <brian@iquest.net>
- 28) [78062] Multiband 1/2 w/ Vertical Question
by ARDUJENSKI@aol.com
- 29) [78063] Re: BUBBA 2000
by "Karl F. Larsen" <k5di@zianet.com>
- 30) [78064] Re: WTB: NC20 10 turn pot
by "Larry Wise" <lewise@txwises.com>
- 31) [78065] Re: BUBBA 2000
by Bob Hightower <nk7m@extremezone.com>
- 32) [78066] DX-pedition(??) - NC Outer Banks - Currituck County - Grid FM26
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 33) [78067] Re: Why KI6DS Sold his K2
by "Jay Bromley" <w5jay@alltel.net>
- 34) [78068] Re: ARLS007 A0-27 FM repeater off the air (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 35) [78069] Re: [GQRP] NE602
by "Paul Harden, NA5N" <na5n@rt66.com>
- 36) [78070] Re: Why KI6DS Sold his K2
by "Chris W4YYZ" <w4yyz@tampabay.rr.com>
- 37) [78071] FS.....NC 20-M
by RangerSF5@aol.com
- 38) [78072] CC#'s
by "Thaire Bryant" <tbry37@ici.net>
- 39) [78073] IC-735 and AH2 For Sale
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 40) [78074] Important for CA Hams
by "Cherry, Mark" <mark.cherry@quickstart.com>
- 41) [78075] Hawaii QSO Party
by Dean W Manley <kh6b@juno.com>
- 42) [78076] FOX -- Tally NO!
by russo@bogoflux.losalamos.nm.us
- 43) [78077] FOX: Thank you!

- by "Marshall Emm" <mgemm@mtechnologies.com>
- 44) [78078] Cap question/ NC-20
by "Ed Nelson" <edxnelson@home.com>
- 45) [78079] Re: Cap question/ NC-20
by Al Scanandoah <k2zn@rochester.rr.com>
- 46) [78080] Re: Cap question/ NC-20
by Euramcom <mel@euramcom.freemove.co.uk>
- 47) [78081] Re: [Elecraft] Unkinking wire
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 48) [78082] Cap Question - Thanks, and another question
by "Ed Nelson" <edxnelson@home.com>
- 49) [78083] RFI from GSM phone into 705 mike?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 50) [78084] Re: Cap Question - Thanks, and another question
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 51) [78085] Vermont Schedule?
by Ken Newman <N2CQ@citnet.com>
- 52) [78086] DK9SQ Mast Support
by ARDUJENSKI@aol.com
- 53) [78087] Re: Cap question/ NC-20
by "Damon S Raphael, MD (w7md)" <w7md@azstarnet.com>
- 54) [78088] Crippled Fox Tonight
by ARDUJENSKI@aol.com
- 55) [78089] Re: Cap question
by "Ed Nelson" <edxnelson@home.com>
- 56) [78090] unsubscribe qrp-l
by Stanley A McIntosh <mcintos@basf-corp.com>
- 57) [78091] Gummer fold over mast?
by ARDUJENSKI@aol.com
- 58) [78092] Unique Screen Saver
by Larry East <w1hue@amsat.org>
- 59) [78093] Re: Gummer fold over mast?
by "George Heron N2APB" <n2apb@erols.com>
- 60) [78094] End Fed Dipoles and Stuff
by ARDUJENSKI@aol.com
- 61) [78095] QRP ARCI Awards Clarification
by radioham@home.com

Date: Thu, 24 Aug 2000 19:43:17 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [78035] CONTEST: QRP Contesting - Aug 27/27
Message-ID: <3.0.6.32.20000824194317.00834580@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

August 26/27, 2000  
~~~~~

TOEC WW Grid Contest (CW)

Aug 26 - 1200z to Aug 27 - 1200z

Rules: <http://home.online.no/~janalme/rules/toecgrid.txt>
~~~~~

Slovenia Contest Club RTTY Championship

Aug 26 - 1200z to Aug 27 - 1200z

Rules: <http://www.sk3bg.se/contest/sccrychs.htm>  
~~~~~

Hawaii QSO Party (CW/SSB) ... QRP Category

Aug 26 - 1600z to Aug 27 - 2200z

Rules: <http://home.online.no/~janalme/htmlrules/qsohi.html>
~~~~~

Ohio QSO Party (CW/SSB) ... QRP Category

Aug 26 - 1600z to Aug 27 - 0400z

Rules: <http://www.qsl.net/mrrc/oqp.html>  
~~~~~

South Dakota QSO Party (CW/SSB)... QRP Category (Unconfirmed in 2000)

Aug 26 - 1600z to Aug 27 - 2200z

Rules: <http://home.online.no/~janalme/rules/qsosd.txt>
~~~~~

BUBBA Summer QRP Sprint \*\*\* QRP CONTEST! \*\*\*

Aug 26 - 1800z to 2200z

Rules: <http://www.extremezone.com/~nk7m/bubba00.htm>

~~~~~  
Colorado QRP Club - Summer QSO Party (SSB/CW) *** QRP CONTEST! ***

Aug 27 - 1800z to 2359z

Rules: <http://www.arrl.org/contests/months/aug.html>
~~~~~

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==

<http://www.njqrp.org/data/contesting.html>

-----  
Date: Thu, 24 Aug 2000 19:35:06 -0400

From: wb2vuo@juno.com

To: qrp-l@lehigh.edu

Subject: [78036] FS: Linux 7.1 For Windows

Message-ID: <20000824.194819.-270361.1.wb2vuo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamps of WNY...

I have the Mandrake package, Linux For Windows, version 7.1 which I was given earlier this month. Unfortunately, I do not have enough room to install it.

This package writes a folder into you Win95/98 installation which creates a virtual drive in Windows thus allowing you to run Linux without reformatting your drives, but it takes more space than I have, and I couldn't seem to write it to the other HD. I got Caldera OpenLinux eDesktop 2.4 and it works just fine.

Do you have 2 gigs of available space on your Windoze machine? Would you like to try Linux without a huge investment? Can you afford \$10? If the answer to all of these questions is "YES!", drop me a line...

That's \$10 postpaid, the books, both disks and the box (opened at one end only)

Swaps considered seriously. What do you have?

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 24 Aug 2000 17:39:55 -0700

From: Bob Nielsen <[nielsen@oz.net](mailto:nielsen@oz.net)>

To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)

Subject: [78037] Back on the air at last!

Message-ID: <20000824173955.A1866@oz.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Well, it's nearly 4 months since I moved to the cool northwest from hot AZ and I am finally back on the air from my new QTH with a new rig (TS-570D, which has a 5 watt setting).

I'm ready for the fox!

Bob

--

Bob Nielsen, N7XY

Bainbridge Island, WA

[nielsen@oz.net](mailto:nielsen@oz.net)

<http://www.oz.net/~nielsen>

-----  
Date: Fri, 25 Aug 2000 00:49:18 +0100

From: "Larry Wise" <[lewise@txwises.com](mailto:lewise@txwises.com)>

To: "qrp" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>

Subject: [78038] WTB: NC20 10 turn pot  
Message-ID: <200008250046.TAA10409@aoot.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gang:

Does anyone have in their parts stash one of the  
ten turn pots for the NORCAL NC20 that they would  
be willing to sell? Reply off line please.

Larry KA5T  
Georgetown, Texas  
ka5t@arrl.net

-----  
Date: Fri, 25 Aug 2000 01:21:33 -0700  
From: KB7WW Art Moe <kb7ww@chatusa.com>  
To: qrp <qrp-l@lehigh.edu>  
Subject: [78039] Fox N1FN  
Message-ID: <39A62C8D.E2789D9A@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The fox is loud in Oregon but some of the hounds are VERY loud.

Nice for 20 to be at it's best behavior tonight.

Art  
KB7WW

-----  
Date: Thu, 24 Aug 2000 21:35:19 EDT  
From: N10DL@aol.com  
To: qrp-l@lehigh.edu  
Subject: [78040] FOX: not in NH  
Message-ID: <35.9683631.26d72757@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Heard Marshall for a few moments on 14.063, but nothing now...can hear

several hounds calling....That wall thing....  
Will keep trying.  
Aron  
N10DL/qrp  
Bedford, NH

-----  
Date: Thu, 24 Aug 2000 19:35:40 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [78041] FOX: N1FN  
Message-ID: <Pine.LNX.3.95.1000824193338.15703A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looks like the 'ol RF CURTAIN is up in SAskatchewan.....no fox and few  
hunters....BUT.....I'll keep listening as ya never know eh!?!....good luck  
to all the hunters and the fox!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 24 Aug 2000 21:49:46 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [78042] Fox conditions  
Message-ID: <39A5D0B9.DA11AD7@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bruce Rattray wrote:

Looks like the 'ol RF CURTAIN is up in SAskatchewan.....no fox and  
fewhunters....BUT.....I'll keep listening as ya never know eh!?!....good  
luckto all the hunters and the fox!

and from N10DL :

Heard Marshall for a few moments on 14.063, but nothing now...can hear  
several hounds calling....That wall thing....



Will keep trying.

Marshall has been up and down here in Central FL since the start of the hunt. Dont think he is using a beam. The pack is much louder than usual here tonight. The folks out on the left coast are very loud. KK7ZZ was an honest 599.

Also heard Mac AF4PS who is about 70 or so miles away from me. First time I have ever heard him on 20m.

Strange...too bad tonight is not the night for Ben NW7DX! Sunday is going to be a challenge.

73  
Paul AJ4Y  
Go Swamp Rats!!

-----  
Date: Thu, 24 Aug 2000 21:53:00 EDT  
From: Macstein@aol.com  
To: qrp-l@lehigh.edu  
Subject: [78043] FOX - WOW!  
Message-ID: <74.27613b4.26d72b7c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

ET is Flying! Lightening RIGHT on top of Tampa..scary.. I waited... waited, plugged and unplugged... not worth it....maybe now... plugged, there he is.. call, nope...call, nope... AHA! Had him 559 for the exchange, but WHEW. Thanks Marshall for an interseting hunt!!! Semed to get stronger as the storm moved away (TOWARD YOU!!!)

72 es "oo"  
-MAC-  
AF4PS  
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,  
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,  
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51  
and various other annual \$15 commitments.

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Date: Thu, 24 Aug 2000 20:44:32 -0400  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu  
Subject: [78044] Re: FS: Linux 7.1 For Windows  
Message-ID: <20000824.215013.-240287.17.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It's gone. I guess that I should have had a bunch of them

Thanks for the interest.

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp  
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY  
Section  
My night light runs more power than my Rig!!!  
Replies - <mailto:wb2vuo@arrl.net>

BTW: One respondee says that he's seen them at WalMart in the \$15 - \$20  
class. FYI

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 24 Aug 2000 20:13:02 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [78045] FOX N1FN  
Message-ID: <Pine.LNX.4.10.10008242010240.2079-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Marshal has been doing exactly what he said he was going to do. I  
called him about 1 KHz high and on the second call he heard my mighty 5  
watts from the peped up Argonaut to a TH6DXX beam pointed north from NM.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 24 Aug 2000 22:14:37 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [78046] FOX and then some  
Message-ID: <39A5D68D.585AF88A@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ever have one of those fun nights on the radio? Tonight was one of those for me. Nothing too fancy, but fun.

My SMK-1w has been a bit neglected lately. I tried to use it a couple of nights ago but couldn't scare up a QSO. Tonight at 2030EST I put it on the air, called CQ once and had a nice QSO with WA1GEP, Andy. Right afterwards AA3UR tail-ended and gave me a call. Dave was a solid 559 and I was running a K2. We had a bit of QRM, but we managed the full exchange and a little chat - my RST was 569, his QTH was Holland, PA - so that makes for a Holland, PA to Holland, VT 2xQRP QSO. :) Is there a Worked All Holland's award?! That SMK-1 isn't a bad little radio I'm telling ya'! I was using the Norcal BLT tuner and dipole fed with ladder line. I may get a chance to go for a little hike this weekend, so I'm going to try for a SMK-1 in the field operation on saturday or sunday.

On to the fox hunt; I heard Marshall immediately at the start, he was loud. Blazed away with both barrels trying to stay high 100 to 200 hz or so. No go. Marshall got REAL loud for a little while as were some of the hounds, particularly those in CA - they were booming in here. After trying and trying, da' fox faded quite a bit, but I could still hear him. Finally bagged a pelt at 0148z after many, many attempts. Marshall was working every call and doing a FB job for sure. I'm radioed out and going QRT to bed. Hope y'all had a good hunt!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

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Date: Thu, 24 Aug 2000 22:14:23 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu

Subject: [78047] FOX: Got him....  
Message-ID: <74.27610b2.26d7307f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Finally got him at 0154 and got a 559. It really helps to have a good antenna hooked up. had to go up to the shack to hook up the G5RV and got hom on the second call. Why do I torture myself with all these "temporary" antennas....Thats 2 for the season....Feels GREAT.

Aron  
N1ODL  
Bedford, NH

-----  
Date: Fri, 25 Aug 2000 12:23:46 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, GQRP <gqrp@onelist.com>  
Subject: [78048] NE602  
Message-ID: <39A5D8B2.6EA1422D@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Hi everybody,

Was it my imagination or did I read here or on one of the other lists about the "demise" of the NE602?

Checking with the Philips site on another matter I came across this:  
<http://www.semiconductors.com/pip/SA602AD#products>

According to that page it's status is "full production". Don't know about lead times though.

FWIW

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'  
My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>  
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91  
URL - <http://www.electronics-tutorials.com/>

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Date: Thu, 24 Aug 2000 22:26:25 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [78049] Bubba Logging Software  
Message-ID: <39A5D951.C984BD53@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There was some info here a couple of weeks ago about a software program that supported the Bubba contest.

Can someone please post that again?

Thanks  
Paul AJ4Y

-----  
Date: Thu, 24 Aug 2000 22:47:54 -0400 (EDT)  
From: Joel Malman <malman@world.std.com>  
To: qrp-l@Lehigh.EDU  
Cc: k1qm@world.std.com  
Subject: [78050] 40m Club Net tonight  
Message-ID: <200008250247.WAA18917@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

Had a very nice bunch of folks check into the NE QRP Net tonight. NCS was me ... K1 Queen Mary. Check-ins were:

|       |         |    |                            |
|-------|---------|----|----------------------------|
| K1LGQ | Dennis, | NH | ( hummmm, club president ) |
| W1PID | Jim,    | NH |                            |
| K1RL  | John,   | MA |                            |
| AD8DF | Ed,     | MI |                            |
| K1YW  | Greg,   | MA |                            |

Most everyone around here is talking about the Boxboro Hamfest. I'm scheduled to do a VE session on Saturday. Dennis says there will be NE QRP shirts available at Boxboro.

The NE QRP Net will be on 80 meters next Thursday. I'm not sure who will be NCS.

--

/joel K1QM (K1 Queen Mary), Concord, MA.  
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

-----  
Date: Thu, 24 Aug 2000 23:05:28 EDT  
From: SMurph555@aol.com  
To: qrp-l@lehigh.edu  
Subject: [78051] Green Bank WV Telescope Operating Event  
Message-ID: <c8.97e5e3f.26d73c78@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi all,

Like many of the folks, I'll be trying for a W9GFZ contact this weekend.  
There is one fillip to the story of the new 100 meter radio telescope that  
wasn't covered on  
qrp-l, or in the recent QST article, which I feel is worth mentioning.

The contractor's Project Director for the implementation of this antenna  
is Dr. John V. Evans, N3HBX. John isn't a QRP operator, but he's a very  
active amateur, and very much into contesting. In addition, he is a  
renowned radio astronomer in his own right. He co-edited the 1968 book  
"Radar Astronomy", writing several sections of it. He was at the Jodrell  
Bank observatory in the UK for some years; that's another large radio  
astronomy antenna, about 250 feet in diameter, as I recall. I had the  
opportunity to kid him a bit at his recent birthday party, observing that,  
having brought the GBT to completion, he could now take on a really big  
antenna - the 1000 ft dish at Arecibo, Puerto Rico.

Anyway, I thought it might be of interest that there was yet another  
amateur radio operator with a major role in bringing the Green Bank Telescope  
into service!

72/73

Cal K4JSI

-----  
Date: Thu, 24 Aug 2000 23:09:57 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [78052] Who had Knwd 870 FS?  
Message-ID: <200008242310\_MC2-B0F4-ECD8@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;

charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Due to a computer crash, have lost a bunch of e-mail. But before the BIG=

CRASH, someone had sent me some messages about a Kenwood rig FS. Pretty sure it was an 870. Anyway, whoever that seller was, please get back in touch and we'll go from there. Thanks, and please pardon this post to the=

entire list.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

-----  
Date: Thu, 24 Aug 2000 20:34:20 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: pwomble1@tampabay.rr.com  
Cc: qrp-l@lehigh.edu, elecrafft@qth.net  
Subject: [78053] Re: Bubba Logging Software  
Message-ID: <200008250329.UAA09893@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:26 PM 8/24/2000 -0400, you wrote:

>There was some info here a couple of weeks ago about a software program  
>that supported the Bubba contest.

>

>Can someone please post that again?

>

>

You can get it at <http://www.dancris.com/~bkassel>

Look for the QRP Dupe Version 2.0 beta 5.5 August 11, 2000 link

Bob Hightower NK7M  
Chandler, AZ  
SOC #20  
K2 #157/255

<http://www.extremezone.com/~nk7m>

-----  
Date: Thu, 24 Aug 2000 20:43:01 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: qrp-1@lehigh.edu, eleccraft@qth.net  
Subject: [78054] BUBBA 2000  
Message-ID: <200008250337.UAA12206@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BUBBA 2000 is this Saturday!

Here are the rules for the 2000 BUBBA Contest:

----- CONTEST ANNOUNCEMENT -----

BUBBA Summer QRP Sprint, sponsored by the AZ ScQRPions

Aug 26, 1800Z-2200Z  
HF bands, standard QRP calling freqs (no WARC)  
CW, QRP (5w or less) only

Categories: Indoor/Outdoor, Single Op/Multi Op.  
Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.  
Score 1 pt per QSO.  
Each SPC counts once per band.  
QSO with NQ7RP (ScQRPions Club Call), ONCE PER BAND, =10,000 Point Bonus  
(in addition to 1 qso  
point) per band QSO.

Multipliers:

SPCs: All bands total  
Power: 1-5w = x1, Less than 1w = x2.  
Category: Indoor Op = x1, Outdoor Op = x2.  
Heat:

- Indoor ops use highest operating temp(F) at OP'S POSITION.
- Outdoor ops use Heat Index Chart.

Heat Index Chart

| Temp<br>(F) | Dew Point(F) |      |      |      |      |      |      |      |
|-------------|--------------|------|------|------|------|------|------|------|
|             | 50.0         | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 |
| 65:         | 62.7         | 63.8 | 65.0 | 66.6 |      |      |      |      |



|      |       |       |       |       |       |       |       |       |  |
|------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 70:  | 67.8  | 68.7  | 69.8  | 71.1  | 72.6  |       |       |       |  |
| 75:  | 73.1  | 73.9  | 74.8  | 75.9  | 79.2  | 80.7  |       |       |  |
| 80:  | 79.8  | 80.6  | 81.6  | 82.8  | 84.4  | 86.9  | 90.9  |       |  |
| 85:  | 83.5  | 84.7  | 86.1  | 88.0  | 90.5  | 94.0  | 99.0  | 106.6 |  |
| 90:  | 87.9  | 89.4  | 91.2  | 93.6  | 96.9  | 101.2 | 107.2 | 115.6 |  |
| 95:  | 92.9  | 94.5  | 96.7  | 99.6  | 103.4 | 108.4 | 115.2 | 124.3 |  |
| 100: | 98.1  | 99.9  | 102.4 | 105.6 | 109.8 | 115.3 | 122.7 | 132.3 |  |
| 105: | 103.4 | 105.4 | 108.1 | 111.6 | 116.1 | 122.0 | 129.7 | 139.7 |  |
| 110: | 108.7 | 110.9 | 113.8 | 117.5 | 122.3 | 128.4 | 136.3 | 146.5 |  |

| Temp<br>(F) | Relative Humidity (%) |       |       |       |       |       |       |       |       |
|-------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|             | 90.0                  | 80.0  | 70.0  | 60.0  | 50.0  | 40.0  | 30.0  | 20.0  | 10.0  |
| 65:         | 65.6                  | 64.7  | 63.8  | 62.8  | 61.9  | 60.9  | 60.0  | 59.1  | 58.1  |
| 70:         | 71.6                  | 70.7  | 69.8  | 68.8  | 67.9  | 66.9  | 66.0  | 65.1  | 64.1  |
| 75:         | 79.7                  | 76.7  | 75.8  | 74.8  | 73.9  | 72.9  | 72.0  | 71.1  | 70.1  |
| 80:         | 88.2                  | 85.9  | 84.2  | 82.8  | 81.6  | 80.4  | 79.0  | 77.4  | 76.1  |
| 85:         | 101.4                 | 97.0  | 93.3  | 90.3  | 87.7  | 85.5  | 83.5  | 81.6  | 79.6  |
| 90:         | 119.3                 | 112.0 | 105.8 | 100.5 | 96.1  | 92.3  | 89.2  | 86.5  | 84.2  |
| 95:         | 141.8                 | 131.1 | 121.7 | 113.6 | 106.7 | 100.9 | 96.1  | 92.2  | 89.2  |
| 100:        | 168.7                 | 154.0 | 140.9 | 129.5 | 119.6 | 111.2 | 104.2 | 98.7  | 94.4  |
| 105:        | 200.0                 | 180.7 | 163.4 | 148.1 | 134.7 | 123.2 | 113.6 | 105.8 | 100.0 |
| 110:        | 235.6                 | 211.2 | 189.1 | 169.4 | 151.9 | 136.8 | 124.1 | 113.7 | 105.8 |
| 115:        | 275.3                 | 245.4 | 218.0 | 193.3 | 171.3 | 152.1 | 135.8 | 122.3 | 111.9 |
| 120:        | 319.1                 | 283.1 | 250.0 | 219.9 | 192.9 | 169.1 | 148.7 | 131.6 | 118.2 |

Any value less than 80 is considered comfortable.  
Any value greater than 90 is considered extreme.  
Any value greater than 100 is considered hazardous.  
Any value greater than 110 is considered dangerous.

Final Score = QSO pts x SPCs x Power x Category x Heat Multi + NQ7RP  
Bonus point(s).

Example: 40 QSO's, 21 SPC's, 900 mW, outdoors, 105 deg F 50% humidity,  
NQ7RP on two bands

$$40 \times 21 \times 2 \times 2 \times 134.7 + 20,000 = 472,592 \text{ points}$$

Logs are due 30 days after contest.

Email ASCII-text entries to:  
P12255@email.mot.com

or mail entries to Kent Torell AB70A (ATTN: BUBBA), 7749 N. 5th Avenue,

Phoenix, AZ 85021

Include summary sheet, callsign, operator(s), power, location, and highest operating temp (outdoor ops also include relative humidity and NWS Heat Index).

Bob Hightower NK7M  
Chandler, AZ  
SOC #20  
K2 #157/255

<http://www.extremezone.com/~nk7m>

-----  
Date: Thu, 24 Aug 2000 22:12:28 -0800  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: "Cameron C.R. Bailey" <cbailey@wjtl.net>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [78055] PROP: AL7FS loves a good evening on 20 meters.  
Message-ID: <39A60E4C.78A78EEA@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

Well, it is 0555Z on 14.036 on 8/25/00 and KC2AF0 Steve, in Jersey City NJ was pounding in 579. I also worked F5, France with QRP over the North Pole about 0540Z. The F5 was 599 and he gave me a 579 for my 5 watts.

SFI=131 | A=10 down from 11 | K=1 down from 2 at 0000 on 25 August.  
SAF: low, GMF: quiet to unsettled  
Aurora Level: 5  
Solar Wind: 412.4 km/s at 2.0 protons/cc  
More: <http://hfradio.org/propagation.html>

Notice that K=1 and more especially, Aurora Level: 5 Lower would even be better. A 7, 8, 9 or 10 on the Aurora level makes it very tough for contacts.

I will also listen a bit Fri and Saturday evenings and I will be operating the BUBBA and the CQC for some of the time.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
QRP-L CD Ver. 3.1 available: <http://www.qsl.net/al7fs/QRP-CDver3.htm>  
QRP ARCI #6754 Check out <http://www.qrparci.org/>  
<http://www.qsl.net/al7fs/> <mailto:al7fs@pobox.alaska.net>

-----  
Date: Fri, 25 Aug 2000 02:37:33 -0700  
From: Dave Fifield <[fifield@pacbell.net](mailto:fifield@pacbell.net)>  
To: n0rc@qsl.net, Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [78056] Re: NC20 question  
Message-ID: <004b01c00e78\$187418e0\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Rod,

Sounds like my headphones are much higher impedance than yours. The 47 Ohms plus 4.7uF that I came up with worked wonders on my Sony headphones with very little change in the volume. With these values plus lower impedance 'phones, you'd expect to get some volume drop, plus the filter wouldn't work so well - this is what you report finding. So folks...the trick is, use Rod's values if you have lower impedance 'phones and the "old" values if you have higher impedance 'phones. Thanks for pointing us in the right direction here Rod.

Cheers es 72,  
Dave Fifield, AD6A

> I played around with the "Hiss Mod" in the NC-20 manual. I found it  
> had little effect with wide response walkman style headphones. And, no  
> noticeable effect with communication headphones like the Kenwood  
> HS-5's. (The HS-5's start rolling off at around 4kHz.) So, I played  
> around with different R/C values. I finally settled on 15 ohms and 47  
> uF, vs the NC20 manual values of 47 ohms & 4.7uF.  
>  
> With wide response headphones I found the 47 ohm resistor had too much  
> attenuation of the audio volume. 15 ohms only has a slight penalty.  
> The 4.7 uF capacitor only had a "perceptible" effect on hiss with the  
> volume turned all the way down, but the hiss was still there. The 47uF  
> cap took the hiss down below the perceptible level. Together they have  
> minimal effect on audio level, and a big effect on hiss when using  
> wide response headphones. There is even a noticeable effect of noise  
> reduction with the HS-5's, but it is minimal.

-----  
Date: Fri, 25 Aug 2000 02:42:30 -0700  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [78057] R8 Antenna - Tips Anyone?  
Message-ID: <006b01c00e78\$c9b32880\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

I'm going to build and erect an R8 vertical this weekend at my new house. I was wondering if anyone has already built one of these and if there are any tricks or gotchas that I should be aware of. Any hints/tips welcome.

Thanks,  
Dave Fifield, AD6A

-----  
Date: Fri, 25 Aug 2000 12:49:50 +0300  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [78058] Re: NC20 question  
Message-ID: <39A6413E.5341@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

> > HS-5's. (The HS-5's start rolling off at around 4kHz.) So, I played  
> > around with different R/C values. I finally settled on 15 ohms and 47  
> > uF, vs the NC20 manual values of 47 ohms & 4.7uF.

BTW, if one desires to not just try any suitably sized capacitor and then see how it works out but actually calculate the -3dB cut-off frequency of the RC-filter with any old shunt capacitor, it's necessary to take the headphone impedance into account.

Assuming the output impedance of the audio PA is near zero - I did not say the 4-8 Ohm load impedance that the PA designed to drive - one needs to first calculate the value of the added series resistance and the headphones resistance in parallel (from  $1/R_p = 1/R_1 + 1/R_2$  - easy on a calculator). The resulting resistance is the one to use in the equation for the -3dB cut-off frequency  $F_c = 1 / (2 \cdot \pi \cdot R \cdot C)$ .

At least, that's my 2 cents worth.

73,

--

Arjen Raateland  
OH2ZAZ

-----  
Date: Fri, 25 Aug 2000 06:28:41 -0400  
From: David M Kopacki <kf2ew@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [78059] HI QSO party website  
Message-ID: <20000825.062842.-16507429.0.kf2ew@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Does anyone have a website for the HI QSO party this weekend? We're going to try to work them with a Sierra while camping this weekend.

Thanks and 72,  
Mike

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 25 Aug 2000 06:51:22 -0400  
From: "Thaire Bryant" <tbry37@ici.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [78060] CC#  
Message-ID: <200008251056.GAA07893@bajor.ici.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I am starting to see (or notice) CC#'s on the QSL's that I'm receiving. Would someone tell me where it comes from? I guess one more # won't hurt.

Thaire W2APF

K2 #948  
QRP-1 # 2062  
G-QRP # 3855  
NorCal # 1041  
QRP ARCI # 6412  
MI QRP # 702  
NE QRP # 285  
FISTS # 5335  
TEN TEN # 50022  
.....

-----  
Date: Fri, 25 Aug 2000 08:08:51 -0400  
From: "Brian" <brian@iquest.net>  
To: <tbry37@ici.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [78061] Re: CC#  
Message-ID: <003d01c00e8d\$3b4b92c0\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

CC - Century Club

This is a FISTS award for working and confirming 100 other FISTS.

My CC is 764

----- Original Message -----

From: Thaire Bryant <tbry37@ici.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Friday, August 25, 2000 6:51 AM  
Subject: CC#

> I am starting to see (or notice) CC#'s on the  
> QSL's that I'm receiving. Would someone tell  
> me where it comes from? I guess one more  
> # won't hurt.  
>  
> Thaire W2APF  
>  
> K2 #948  
> QRP-1 # 2062  
> G-QRP # 3855  
> NorCal # 1041

> QRP ARCI # 6412  
> MI QRP # 702  
> NE QRP # 285  
> FISTS # 5335  
> TEN TEN # 50022  
> .....  
>

-----  
Date: Fri, 25 Aug 2000 08:17:29 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu, antennas@qth.net  
Subject: [78062] Multiband 1/2 wl Vertical Question  
Message-ID: <d.927544b.26d7bdd9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Using the DK9SQ 33 ft mast I have had great success with the 1/2 wave on 20m for working DX with the low angle radiation pattern. I am planning on expanding the 1/2 wave concept to making it a multiband 1/2 wave portable vertical.

QUESTION: Will it be just as effective to take ribbon cable and cut the wires for the various 1/2 wave lengths or is it better to fan out the wires with the use of a spreader near the top?

COUNTERPOISE QUESTION: With the 1/2 wl antenna should I use something like the ribbon cable cut for the various bands and if so would the lengths need to be 1/2 wl or 1/4 wl or doesn't it really matter? Because it is a high impedance point could I just feed it against ground? (NOTE it would be elevated about 4-5 ft)

NOTE: The ribbon cable would have the ribbon integrity maintained but the various wires would have a segment cut out at the appropriate spot on the cable. For the spreader concept the 20m wire would run to the top and at the 27 ft level a 3ft spreader bar would be installed and the 17-15-12-10m 1/2 wave wires would be fanned out

Alan KB7MBI

-----  
Date: Fri, 25 Aug 2000 06:28:32 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Bob Hightower <nk7m@extremezone.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [78063] Re: BUBBA 2000  
Message-ID: <Pine.LNX.4.10.10008250626330.751-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Aug 2000, Bob Hightower wrote:

> BUBBA 2000 is this Saturday!  
>  
> Here are the rules for the 2000 BUBBA Contest:  
> ----- CONTEST ANNOUNCEMENT -----  
>  
>  
> BUBBA Summer QRP Sprint, sponsored by the AZ ScQRPions  
>  
>  
> Aug 26, 1800Z-2200Z  
> HF bands, standard QRP calling freqs (no WARC)  
> CW, QRP (5w or less) only  
>  
>  
> Categories: Indoor/Outdoor, Single Op/Multi Op.  
> Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.  
    ^^^

What is a SPC?

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 25 Aug 2000 13:09:59 +0100  
From: "Larry Wise" <lewise@txwises.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [78064] Re: WTB: NC20 10 turn pot  
Message-ID: <200008251306.IAA10788@aoot.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gang:

I've located a pot....



thanks

Larry KA5T

-----  
Date: Fri, 25 Aug 2000 06:09:55 -0700  
From: Bob Hightower <nk7m@extremezone.com>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: qrp-l@lehigh.edu, elecrafft@qth.net  
Subject: [78065] Re: BUBBA 2000  
Message-ID: <200008251304.GAA15454@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 06:28 AM 8/25/2000 -0600, you wrote:

>On Thu, 24 Aug 2000, Bob Hightower wrote:

>

>> BUBBA 2000 is this Saturday!

>> Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.

>                   ^^^

>

>    What is a SPC?

>

State, Province or Country.

Bob Hightower NK7M

Chandler, AZ

SOC #20

K2 #157/255

<http://www.extremezone.com/~nk7m>

-----  
Date: Fri, 25 Aug 2000 09:52:39 -0400  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: GQRP-L <gqrp@onelist.com>, NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group  
<NoVaQRP@topica.com>, QRP-L <qrp-l@lehigh.edu>  
Subject: [78066] DX-pedition(??) - NC Outer Banks - Currituck County - Grid FM26  
Message-ID: <39A67A27.643FAA89@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I will be operating from Corolla, NC for the next few days. QTH will be on the beach (well I can see the beach from the house's deck) ENE of the Corolla Lighthouse (I can also see the lighthouse from the deck).

Gear will be my trusty GM-20, deck-mounted 20m dipole and kite-supported 20m 3/4 wave doublet. Operating sched will depend on the weather -- if its sunny I'll be on the beach, if its rainy I'll be on the air. I'll try to get on in the evening after dinner. I'll try the QRP freq first -- if no action I'll cruise the band.

The Maidenhead Grid Square is FM26. I looked at the map on page 86 of the Sept 2000 QST and it looks like FM26 is all water. I'll try to get the gear set up for part of the TOEC WW Grid contest -- maybe around 0001 UTC Aug 27 and again at around 1000 UTC Aug 27.

Gee, if FM26 is all water, maybe this will be a DX-pedition :-)

72,

Jake -- N4UY

-----  
Date: Fri, 25 Aug 2000 09:19:51 -0500  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [78067] Re: Why KI6DS Sold his K2  
Message-ID: <007401c00e9f\$8dc10500\$5f9b66a6@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gee Doug I always thought it was the screws, grin!! :-)  
73 de w5jay..

P.S. Where is Monte, ( I mean Ron ) when you need him?

> The K2 cost too much money to build and let sit on the shelf. I sold it to  
> another qrper who is very happy with his purchase. He saved some money and  
> some building time. I got to enjoy building the radio, now I have money to  
> buy my Icom 706 Mark II G. So there you have it. 72, Doug

>  
>

-----  
Date: Fri, 25 Aug 2000 08:52:51 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-1@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>  
Subject: [78068] Re: ARLS007 A0-27 FM repeater off the air (fwd)  
Message-ID: <Pine.LNX.3.95.1000825085051.27181D-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

....can anyone help Eim please?.....I'm not on satellites these  
days...please answer direct to Eim.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----

Date: Fri, 25 Aug 2000 08:30:27 +0200  
From: Eim Mulder <mulder@nfra.nl>  
To: rattray@gpfn.sk.ca  
Subject: Re: ARLS007 A0-27 FM repeater off the air (fwd)

Can you tell me what the up and downlink frequencies are and how much exp I need to  
use the repeater (as soon as the repeater is in the air again).  
Are there more of this kind of FM repeater and where can I find details for using  
them.

Eim-----PA3CMD

----- Forwarded message -----

Date: Thu, 24 Aug 2000 08:23:29 EDT  
From: ARRL Members Only Web site <memberlist@p1k.arrl.org>  
Cc: recipient list not shown: ;  
Subject: ARLS007 A0-27 FM repeater off the air

SB SPACE @ ARL \$ARLS007  
ARLS007 A0-27 FM repeater off the air

ZCZC AS07  
QST de W1AW  
Space Bulletin 007 ARLS007  
>From ARRL Headquarters  
Newington, CT August 24, 2000

To all radio amateurs

SB SPACE ARL ARLS007

ARLS007 A0-27 FM repeater off the air

Amateurs are being asked to say off the A0-27 satellite uplink as ground controllers try to restart the satellite following a July 31 software crash. The request from ground controller Michael Wyrick, N4USI, comes as ground controllers are attempting to reload the satellite's software.

-----  
Date: Fri, 25 Aug 2000 09:33:40 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, GQRP <GQRP@egroups.com>  
Subject: [78069] Re: [GQRP] NE602  
Message-ID: <Pine.SUN.4.10.10008250830460.13279-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 25 Aug 2000, Ian C. Purdie VK2TIP wrote:

> Was it my imagination or did I read here or on one of the other lists  
> about the "demise" of the NE602?  
>  
> According to that page it's status is "full production". Don't know  
> about lead times though.

Ian and others,

I have posted the NE602 information on qrp-l (which I didn't save), so here's another version for you and g-qrp-l I hope you find interesting, and at least answers your questions.

First, I live in Socorro, New Mexico, about 100 miles south of Albuquerque. You have no doubt heard of the awful fire season we have had out in the west. An early season fire in March in north west New Mexico produced copious amounts of smoke, such that it caused one of the main high voltage lines feeding Albuquerque to short out. The backup lines got overloaded, causing periods of brownouts and finally that line to shut down. Most of New Mexico was "in the dark" for over 6 hours as a result - a late Y2K thing :-)

These power fluctuations and brownouts caused some electrical switching components at the Philips Semiconductor plant in

Albuquerque to catch fire, extinguished by the fire department. At first the damage was considered to be minor. However, it was soon learned that the smoke and water contaminated all of the IC fabrication "clean rooms" and equipment, and caused heat damage to the room where the IC film masters were stored. This means some of the very touchy negatives used for making the dies had to be redone. And, all of the clean rooms and die-making machinery had to be cleaned and refurbished to ensure no contamination would occur in the IC fabrication process. This has taken several months to accomplish.

The first production to get back on line was the larger scale 20mm dies (for the large multi-pin IC's used in cell phones, etc.), then the 10mm, and finally the 5mm die production (for which the NE/SA 602/612's fall under) became operational in late July. Philips Semiconductor announced in July that the Albuquerque plant was again 100% operational and running at 100% capacity.

According to an article in early August in the "Albuquerque Journal," Philips was running at 100% capacity before the fire, followed by many months of limited capacity due to the fire. So now that they are at full IC production again, they are woefully behind in their production schedules, for which some of their IC's will end up being manufactured over a year late. I have talked to the Philips plant in Albuquerque. The world supply of SA612AN's (the thru-hole version) was nearly exhausted at their distributors in the fall of 1999, producing a known shortage, and they were not due for production until september 2000. There is yet no estimate of when they will be produced except for "1st or 2nd quarter" of 2001.

I have been told by Philips that there is NO plans to discontinue the SA612's (thru-hole or SMC) as it is an IC in fairly high demand. But due to the fire and loss of production time, it has left an obvious hole in availability ... they will be produced by Philips as soon as they can (probably early 2001). Due to being unavailable now for over a year, it has left many distributors (and QRPers!) wondering if they have been discontinued. No - just delayed due to this fire. Philips is no doubt responding heavily to making those IC's where the largest market demands are ... clearly keeping the cell-phone people happy first. It was reported that Erikksen alone reported a \$260 million loss so far this year due to no IC's to make cell phones.

So, our 602/612's are not dead, just horribly delayed in production, and will be back on the shelves sometime next year. That is the definitive answer as I understand it and have followed the story from our local news sources. The good news is if sufficient numbers are produced, the cost should come back down to less than a dollar each for small quantities once the shortage is over.

72, Paul NA5N  
Socorro, New Mexico

PS - Tony Fishpool and Graham Firth are planning to visit us for a few days in October. Maybe we can take a tour of the Philips plant and abscond with a few free samples!

-----  
Date: Fri, 25 Aug 2000 11:57:52 -0400  
From: "Chris W4YYZ" <w4yyz@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [78070] Re: Why KI6DS Sold his K2  
Message-ID: <022f01c00ead\$3a25f0f0\$16f5a118@screamer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I have received many emails questioning why I sold my K2.  
> Don't understand what the fuss is about, but here is the answer.  
>

I think this is ridiculous why someone has to respond why they sold something they owned!

He sold it because HE COULD and he wated to!

-----  
Date: Fri, 25 Aug 2000 11:58:32 EDT  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu

Subject: [78071] FS.....NC 20-M  
Message-ID: <a6.8ae0c14.26d7f1a8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
I decided to sell my NC-20-M  
A-1 condition and get good reports on it.  
No chirp,HOT RX & 10-K pot.  
\$100.00 + shipping  
Thanks  
Bob  
WA2HQrp <tm>

-----  
Date: Fri, 25 Aug 2000 12:00:43 -0400  
From: "Thaire Bryant" <tbry37@ici.net>  
To: <qrp-1@lehigh.edu>  
Subject: [78072] CC#'s  
Message-ID: <000001c00ead\$a1873e20\$8222380a@dp056.sysco.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks for the many responses...I'll have to reread  
my FISTS manual,

Thaire W2APF

-----  
Date: Fri, 25 Aug 2000 09:04:45 -0700  
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [78073] IC-735 and AH2 For Sale  
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBCFC@arcadia-pd1.arcadiapd.com>  
MIME-Version: 1.0  
Content-Type: text/plain

I have an Icom IC-735 and AH-2 outdoor wire antenna tuner for sale.

The AH-2 will load short wire/whip/verticals from 3-30 MHz; longer wires  
from 1.6-30 MHz.

The IC-735 includes internal 3-100 watt QRP mod. (Power adjusts from  
3-100 w via front panel)

Includes 500 Hz CW filter.  
Has rear panel switch mod to kill panel lights.  
Includes manual, mobile bracket, DC cord.

\$750 plus shipping CONUS. Terms- cash or US Postal Money Order.

73

Jay Coote, W6CJ

-----  
Date: Fri, 25 Aug 2000 09:30:07 -0700  
From: "Cherry, Mark" <mark.cherry@quickstart.com>  
To: qrp-1@Lehigh.EDU  
Subject: [78074] Important for CA Hams  
Message-ID: <C196130C4AE8D211A8CC0090274F3E2E02253A8D@corpmail.quickstart.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hello all,  
I realize that this list is an international list and this applies only to the ARRL pacific division. Please excuse me for the wide spread distribution. I feel that this is important enough that all California hams should email the enclosed sample letter to our governor and help the plight of hams with regards to tower restrictions.

Thanks for your time

Mark, WT6P  
Sacramento, CA

-----  
ARRL PACIFIC DIVISION UPDATE  
SEPTEMBER 2000  
By Jim Maxwell, W6CF, Director, Pacific Division, ARRL  
PO Box 473, Redwood Estates, CA 95044  
(408) 353-3911 (Phone and FAX)  
Packet: W6CF@NOARY.#NCA.CA.USA.NOAM  
Internet: w6cf@arrl.org  
WWW Pacific Division Home Page - <http://www.pdarrrl.org/>

SB-1714: Passes Legislature Tuesday, August 22  
Letters to Governor Davis Urgently Needed

SB-1714 finally worked its way through the California Legislature on Monday, Aug. 22. On that date the Senate agreed to the several amendments made after



initially approving it almost three months ago. The Senate vote followed the Assembly's acceptance of SB-1714 on Friday, Aug. 18. The bill is now on its way to Governor Gray Davis. We now must consider very seriously what will happen when the bill reaches the Governor's desk.

Governor Gray Davis, as we all know, pays close attention to the cost of legislation, and rightly so. The Senate Appropriations Committee estimated that the study called for by SB-1714 will cost the taxpayers some \$70,000 to \$100,000, and the Assembly analyst accepted that figure. Although that cost is small in the context of the overall state budget, it's large enough to attract notice. We should therefore try very hard to convince the Governor that it is in the best interests of the citizens of California for him to sign SB-1714.

We need letters!

Please, if you agree with SB-1714, sit down, right now, and write a letter to Governor Davis. A sample letter to him is given below. You may write to him in three different ways:

- Email to [graydavis@governor.ca.gov](mailto:graydavis@governor.ca.gov)
- FAX to 916-445-4633
- Snail mail to Governor Gray Davis. State Capitol Building, Sacramento, CA 95814.

Full details on the bill itself can be found at [http://www.leginfo.ca.gov/cgi-bin/postquery?bill\\_number=sb\\_1714&sess=CUR&house=B](http://www.leginfo.ca.gov/cgi-bin/postquery?bill_number=sb_1714&sess=CUR&house=B)

The full text of SB-1714 is also appended to this Update.

Please write!

#### Sample letter

(Note that any letter incorporating these ideas, particularly addressing the issue that it is going to cost the State some money to study this, and it is money well spent, should be helpful. State analysts estimate the cost of the studies required by the legislation at \$70,000 to \$100,000.)

\*\*\*\*\*

Dear Governor Davis:

I am writing to you to urge your support of SB-1714, a bill designed to provide some relief to amateur radio operators who require antenna structures to pursue their interest in communications.

The proliferation of cellular telephones has caused concern in many communities about the appearance of commercial antenna structures. In attempting to deal with this, municipal governments have tended to lump together all antennas, ignoring the roles the Amateur Radio service has traditionally played in providing public service and backup emergency communications in support of the Governor's Office of Emergency Services and of municipal emergency service organizations.

I believe that this legislation addresses both the concerns of municipalities in maintaining for everyone a reasonable quality of life and the Amateur Radio service in maintaining its ability to communicate and to play the roles it always has.

The provision of the legislation for study and report by the Governor's Office of Policy and Research should ensure that every interest will be considered and that an ultimate result in the best interests of all Californians will be achieved. The funds required for the study, considering the enormous value that the State and municipalities have received from being able to call on Amateur licensees to provide equipment and volunteer hours in emergencies, is money well spent to preserve a valuable asset.

Please sign SB-1714 into law.

Sincerely,

<your signature>

<Your name and address>

\*\*\*\*\*

Thanks to Harry Styron, K6HS, for preparing the sample letter given above.

RF Safety Regulations Fully In Force Sept. 1

The time has come. Effective September 1, every US amateur will be required to be fully compliant with the FCC's RF Safety regulations. For many, perhaps most US hams, compliance means only reading and understanding the regulations themselves. Others, however, effective September 1 are required not only to read and understand the regulations, but must also perform a technical evaluation of their station in order to determine that their stations are compliant with the new regulations. Compliance isn't difficult in most cases; the vast majority of amateurs will find it to be a "slam dunk." However, compliance with the regulations is NOT optional. Even aside from the fact that every US amateur is required to follow the RF safety regulations, in my opinion amateurs owe it to themselves, their families, their neighbors, and the general public to follow the regulations to the letter. Those who do not clearly understand their obligations can find a complete description of the rules on the ARRL web site, as well as tools to make your station evaluation quite painless. If you have additional questions, please drop me an email at [w6cf@arrl.org](mailto:w6cf@arrl.org) or a letter to my home address, listed in QST, page 10.

#### Hawaii QSO Party - Aug. 26-27

The Hawaii QSO party is scheduled this coming weekend from 16:00 UTC Aug 26, 2000 to 22:00 UTC Aug 27, 2000. Details of the contest rules of operation can be found on the web at

<http://www.pdarrl.org/pacsec/QSOParty.html>

#### Coming Events

- Foothill Flea Market - 2nd Saturday of each month from March to October at Foothill College, Los Altos Hills.

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, 7:00 AM to noon, all year. Talk in 147.045 from the west, 145.35 from the east. Contact Cliff Chiba, KF6EII, (209) 835-6715, email [larkswap@usa.com](mailto:larkswap@usa.com).

- Sonoma County Hamfest The Sonoma County Radio Amateurs is again holding their popular hamfest this year. It will be held on Saturday, Sept. 16, 6:30 AM to 1:30 PM. The location is at the Lewis Adult School, corner of Lewis Rd. and Lomitas Ave., in Santa Rosa. Talk-in on 146.73 (-). Contact Rick Reiner, K6ZWB, 707-575-4455

or at k6zwb@cds1.net. Details may also be found on the web at <http://www.cds1.net/scra>.

\*\*\*\*\*

Text of SB-1714 as Amended:

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 65850.3 is added to the Government Code, to read:

65850.3. Any ordinance adopted by the legislative body of a city or county that regulates amateur radio station antenna structures shall not preclude amateur radio service communications. Any ordinance that regulates amateur radio station antenna structures shall reasonably accommodate amateur radio service communications and shall constitute the minimum practicable regulation to accomplish the legitimate purpose of the city or county.

SEC. 2. On or before July 1, 2001, the Director of the Office of Planning and Research shall do all of the following:

(a) Prepare and publish a technical assistance bulletin suitable for use by local officials and planners in the preparation and adoption of local ordinances that regulate the placement, screening, and height of amateur radio service antennas. In preparing this bulletin, the director shall consult with individuals and groups with experience in amateur radio service communications and land use regulation, including, but not limited to, the American Radio Relay League, the American Planning Association, the League of California Cities, the California State Association of Counties, and the Federal Communications Commission.

(b) Prepare and publish a model ordinance suitable for adoption by the legislative bodies of cities and counties for the regulation of the placement, screening, and height of amateur radio service antennas. In preparing this model ordinance, the director shall consult with individuals and groups with experience in amateur radio service communications and land use regulation, including, but not limited to, those groups listed in subdivision (a).

c) Report to the Legislature and the Governor regarding any recommendations for changes to the state statutes regarding state or local regulation of amateur radio service antennas.

Mark Cherry  
Senior Engineer  
Quickstart Technologies  
916.856.1500

-----  
Date: Fri, 25 Aug 2000 12:54:06 EDT  
From: Dean W Manley <kh6b@juno.com>  
To: qrp-1@lehigh.edu  
Cc: kh6b@juno.com  
Subject: [78075] Hawaii QSO Party  
Message-ID: <20000825.065220.5359.1.kh6b@juno.com>

Hawaii QSO Party - Aug. 26-27

The Hawaii QSO party is scheduled this coming weekend from 16:00 UTC Aug 26, 2000 to 22:00 UTC Aug 27, 2000. Details of the contest rules of operation can be found on the web at  
<http://www.pdarrl.org/pacsec/QSOParty.html>

I may participate QRP for a few hours as time permits.

Aloha,  
Dean KH6B (Hint: Hawaii County)  
Hilo Hawaii

-----  
Date: Fri, 25 Aug 2000 11:19:29 -0600 (MDT)  
From: russo@bogoflux.losalamos.nm.us  
To: qrp-1@Lehigh.EDU  
Subject: [78076] FOX -- Tally NO!  
Message-ID: <200008251719.LAA07775@inago.swcp.com>

\*sigh\* Listened around 14061 for nearly two hours and I think I heard Marshall exactly once, just above the noise and then he vanished for keeps, with no sign anywhere but a pack of hounds clearly hearing him very well.`

That's the third time in a row the quick brown fox has slipped by without sticking around Albuquerque for more than a few seconds. Maybe I should take up knitting...

Crossing fingers for Sunday,  
T.  
--

Tom Russo KM5VY QRPL #1592 K2#398 <http://www.swcp.com/~russo/>  
Tijeras, NM DM65uw SOC #236 <http://www.qsl.net/~km5vy/>  
"Give a man a fish and you feed him for a day. \*SELL\* a man a fish and  
you can both eat tonight." --- J.R. "Bob" Dobbs

-----  
Date: Fri, 25 Aug 2000 11:49:30 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [78077] FOX: Thank you!  
Message-ID: <39A65D4A.11053.3D7D81@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Thanks to everyone who claimed a pelt last night-- I got rid of most of them and, frankly, I need the space.

Conditions seemed to be pretty good although I think the band was a little bit long and the strongest signals were generally more distant. The usual rapid QSB was apparent, but the distribution of contacts was pretty broad. The usual suspects on both coasts, plus surprising coverage of New England for a change, and a two or three in SK, both places where hounds have complained of being behind the RF Curtain in the past. It was a special thrill to get a QSO out of KS, even though if I remember correctly the guy was running 70W [g]. And it was also great to see some obvious newbies in the hunt.

I used the OHR500, turned down to 5W, with the GAP Titan for 90% of the hunt. I switched to the 40M doublet a couple times and managed a couple of QSO's that would not have been possible with the GAP. I also tried a LOW 20M dipole, about 8' off the ground, but don't think I made a QSO with it. Probably ought to applogize for the sloppy sending, especially at the start-- mostly caused by trying to change speed too much or too often. In particular this business of sending the exchange fast, then sending the call at a lower speed, is tricky because your hand wants to send faster than the keyer.

You hounds were great! I had a far easier time of picking calls out of the pile than I remember from the winter hunts, and there were times when I was able to string a couple together. I think you Summer Hounds are better at

listnening than the Winter Hounds [g].

Draft log will follow later today-- if I get time to punch it in.

Thanks again, good luck with Ben on Thursday, and I hope to see you all again on the 3rd!

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Fri, 25 Aug 2000 14:44:16 -0400  
From: "Ed Nelson" <edxnelson@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [78078] Cap question/ NC-20  
Message-ID: <057701c00ec4\$794f6880\$2c490b18@prntn1.nj.home.com>

Hi All  
I'm in the process of inventorying the components in my NC-20 kit. Item 65 calls for 37 0.1uF axial caps (X7R 50V 10%) . The parts list says they will be marked "A1, M0, 74" in tiny characters. I have 37 axial caps but they are marked "104". All other parts are accounted for.  
Can someone tell me if the 37 caps marked 104 are, in fact, the 0.1uF caps I'm looking for. Doesn't seem possible that they could have put the incorrect caps in the kit.  
Tnx.....Ed W4EN

-----  
Date: Fri, 25 Aug 2000 14:49:12 -0400  
From: Al Scanandoah <k2zn@rochester.rr.com>  
To: edxnelson@home.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [78079] Re: Cap question/ NC-20  
Message-ID: <39A6BFA8.4842A449@rochester.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed

The caps marked "104" are the 0.1 uF units. The 104 is shorthand for 100,000 pF.

Happy Building!

A1, K2ZN

Ed Nelson wrote:

>  
> Hi All  
> I'm in the process of inventorying the components in my NC-20 kit. Item 65  
> calls for 37 0.1uF axial caps (X7R 50V 10%) . The parts list says they  
> will be marked "A1, M0, 74" in tiny characters. I have 37 axial caps but  
> they are marked "104". All other parts are accounted for.  
> Can someone tell me if the 37 caps marked 104 are, in fact, the 0.1uF caps  
> I'm looking for. Doesn't seem possible that they could have put the  
> incorrect caps in the kit.  
> Tnx.....Ed W4EN

-----  
Date: Fri, 25 Aug 2000 20:19:39 +0100  
From: Euramcom <mel@euramcom.freemove.co.uk>  
To: <edxnelson@home.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [78080] Re: Cap question/ NC-20  
Message-ID: <E13SPBC-0007Ut-00.2000-08-25-20-30-19@cmailg2.svr.pol.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

On Fri, 25 Aug 2000 14:44:16 -0400, edxnelson@home.com wrote:

>Hi All  
>I'm in the process of inventorying the components in my NC-20=  
kit.  
>Item 65  
>calls for 37 0.1uF axial caps (X7R 50V 10%) . The parts=  
list  
>says they  
>will be marked "A1, M0, 74" in tiny characters. I have 37=  
axial  
>caps but  
>they are marked "104". All other parts are accounted for.  
>Can someone tell me if the 37 caps marked 104 are, in fact, the  
>0.1uF caps



>I'm looking for. Doesn't seem possible that they could have put=  
the  
>incorrect caps in the kit.  
>Tnx.....Ed W4EN

Anyone struggling with capacitor codes will find a codebreaker at=  
Euramcom on the capacitor pages.

If you have a website, add your link there when you visit, go to=  
add-a-link and it's easy.

Regards

Mel

--72 and 73 de Mel Evans, e-mail [mel@euramcom.freeseerve.co.uk](mailto:mel@euramcom.freeseerve.co.uk)

Mel Evans GM6JAG Edinburgh Scotland  
Home of the last HW9

Visit <http://www.euramcom.freeseerve.co.uk> for  
US Euro Ham Radio Equivalent Parts and info,  
Add-a-Link page let's you add your own pages instantly

-----

Date: Fri, 25 Aug 2000 15:44:52 -0400  
From: "Richard E. Robinson" <[rerobins@email.uncc.edu](mailto:rerobins@email.uncc.edu)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Cc: [rlewis@staffnet.com](mailto:rlewis@staffnet.com), ;;[w7ox@earthlink.net](mailto:w7ox@earthlink.net), ;;[pqd@pacbell.net](mailto:pqd@pacbell.net),  
;;[belsley@bc.edu](mailto:belsley@bc.edu)  
Subject: [78081] Re: [Elecraft] Unkinking wire  
Message-ID: <[v0311070ab5cc7a00f63a@\[152.15.144.71\]](mailto:v0311070ab5cc7a00f63a@[152.15.144.71])>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My thanks to everyone for sharing their toroid winding techniques with me  
and the list, you're a great group.

I've never had much trouble until one particular toroid this past weekend.  
This one was wound on a T80-6, 25 turns 20ga., with 11 taps. I kept  
miscounting and redoing the taps. Once the wire is twisted there are kinks

from the twists and these were the kinks that needed to be straightened out. This is a "prototype" for a phasing system and if it works, it will be redone with a larger core and wire.

The way I was shown to wind toroids years ago, was to loop the wire through the toroid and pull the free end behind it. I guess this is the opposite of "threading" the free end first and pulling the rest of the wire behind it like sewing on a button. The first method is more difficult for me as the size of the wire increases. I tried it with a balun I wound recently with 16ga. and had to resort to the "sewing" method.

73 and have a good Bubba weekend folks,

Rick kf4ar

-----  
Date: Fri, 25 Aug 2000 15:57:24 -0400  
From: "Ed Nelson" <edxnelson@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [78082] Cap Question - Thanks, and another question  
Message-ID: <05b501c00ecec0b0b9eac0\$2c490b18@prntn1.nj.home.com>

Thanks to all for the explanation of how to read the markings on caps. I think I understand now.  
Now another question; last one today, I promise. There are several Electrolytic caps in the kit, and I know that they are polarized. The caps are packaged in a cylinder, with the leads coming out of the bottom. One lead is longer than the other, and there is a Black arrow on the side of the cylinder next to one of the leads. Does the black arrow indicate the positive lead? I tried to look this up in an old ARRL Handbook I have, but couldn't find anything.  
Tnx Agn....Ed W4EN

-----  
Date: Fri, 25 Aug 2000 19:57:27 +0300  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: tentec@qth.net, elecrafft@qth.net, QRP-L <QRP-L@lehigh.edu>  
Subject: [78083] RFI from GSM phone into 705 mike?  
Message-ID: <39A6A577.7A02FBB4@vyh.fi>

MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi All,

I just noticed that my Ten-Tec 705 desk mike suffers from RFI whenever a GSM phone is active within ca. 3 m. I don't have a GSM phone myself, so I hadn't noticed this before.

When VOX is used, the rig's TX will come on with full power; when PTT is used, the GSM phone also causes a microphone signal more than big enough for full output. As detected on a second RX the resulting audio is typical of GSM phone interference.

The 705 pre-amp circuit has RF chokes and by-pass caps on input and output, but these seem insufficient to do away with the AM-modulated 900 MHz signal from the mobile phone. My transceiver is an Elecraft K2. The mic cable is the original, shielded one. I use an MC 33171 low power, low minimum supply voltage OPAMP instead of the original LF441, because the supply from the rig is only 5 V.

Anyway, I would be pleased to hear from you who may have found the same problem and hopefully have been able to get rid of the GSM RFI without too much hair/circuit board pulling.

tnx es 73,

--

Arjen Raateland  
OH2ZAZ

AX.25: OH2ZAZ@OH2RBI.FIN.EU

-----  
Date: Fri, 25 Aug 2000 16:04:46 -0400  
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [78084] Re: Cap Question - Thanks, and another question  
Message-ID: <005601c00ecf\$b7a95180\$2d0a05cc@rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

> Thanks to all for the explanation of how to read the markings on caps. I  
> think I understand now.  
> Now another question; last one today, I promis. There are several

> Electrolytic caps in the kit, and I know that they are polarized. The caps  
> are packaged in a cylinder, with the leads coming out of the bottom. One  
> lead is longer than the other, and there is a Black arrow on the side of the  
> cylinder next to one of the leads. Does the black arrow indicate the  
> positive lead? I tried to look this up in an old ARRL Handbook I have, but  
> couldn't find anything.

Ed,

It seems to me that most of the time, the big arrow points at the negative lead - look and see if there's a minus sign in the shaft of the arrow.

The little blue Nichicon electrolytics on my desk have a white stripe with an embedded minus sign near to the shorter of the two leads.

I believe it's a common thing to mark the negative lead because with tubular (non-polarized) caps, the banded end marked the lead connected to the outer layer of foil. Connecting that lead to ground caused it to act like shielding for the inner foil.

Dave

-----  
Date: Fri, 25 Aug 2000 16:17:32 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: QRP-L@lehigh.edu  
Subject: [78085] Vermont Schedule?  
Message-ID: <3.0.6.32.20000825161732.008053e0@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi All,

Is there anyone in VT these days that I can make a schedule to complete my Basic Appalachian Trail Award? Any time at your leisure. Thanks much in advance!

72 De

Ken- N2CQ  
N2CQ@ARRL.NET

72 de

Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==  
<http://www.njqrp.org/data/contesting.html>

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Date: Fri, 25 Aug 2000 16:25:02 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [78086] DK9SQ Mast Support  
Message-ID: <b2.9e17836.26d8301e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have noted in a few posts problems arising from failure of the lower section of the DK9SQ mast. It should be noted that if and significant loading at the upper portion of the mast (wind, antenna strain, or both) there are magnified forces at the base (bending moments for engineers). For example, 10 pounds of force at or near the top translates into a bending moment of about 300 ft pounds near the base.

Cylinders will take higher stresses in compression than tensile. Slipping the pole over a post would create tensile forces when the upper force is applied. Fitting the base of the mast into a snug cylinder form (larger pipe) will result in primarily compressive forces however there will be a high shearing force at the point on the mast just above the outer support cylinder.

SOLUTION: The best approach is to design a base which has \*give\* to it so the forces never really develop to any degree. My arrangement is not ideal but effective. I have a 1-inch pvc pipe tripod. An 18 inch vertical piece with 3-45 degree elbows at the base to which 3- 5ft sections of pvc are inserted. There is a 3 inch long sleeve made from 1-1/4 pvc slipped over the top support. The base of the mast will fit fairly snugly over this sleeve. At the top of the 18 inch section is a 1 inch coupler. It has about the right outside diameter to fit fairly close to the inside mast diameter. If a bit too loose at either point use a few turns of electrical tape on these sections to snug it up a bit. The 18 inch section with the mast has a lot of flex. Enough to keep it upright but not enough to build up any high stresses in the mast. I like this if I am using elevated radials

SOLUTION 2: Another arrangement is to drive a screwdriver into the ground and set the base of the mast over it. Affix three 3 sections of 1/4 to 3/8 shock cord (each about 5 ft lengths ) at about the 5 ft level. I knot the shock cord and affix to the mast with a tiwrap. Three (03) screw drivers are used to guy the mast. Put a loop in the end of the shock cord and place the blade

of the screw driver(s) thru and drive into the ground at about a 45 degree angle away from the mast at 120 degree interval spacing. The support is strong yet giving.

If you have or expect no top loads (such as with a simple vertical on a calm day) heck any method will work. i would be interested in how you folks may have addressed this problem, too...Alan KB7MBI

-----  
Date: Fri, 25 Aug 2000 13:27:55 -0700  
From: "Damon S Raphael, MD (w7md)" <w7md@azstarnet.com>  
To: edxnelson@home.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [78087] Re: Cap question/ NC-20  
Message-ID: <39A6D6CB.88EC019C@azstarnet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The 104 means 10 x 10 to the 4th power (10,000) which is 100,000 pF

73,

Damon, W7MD

Ed Nelson wrote:

>  
> Hi All  
> I'm in the process of inventorying the components in my NC-20 kit. Item 65  
> calls for 37 0.1uF axial caps (X7R 50V 10%) . The parts list says they  
> will be marked "A1, M0, 74" in tiny characters. I have 37 axial caps but  
> they are marked "104". All other parts are accounted for.  
> Can someone tell me if the 37 caps marked 104 are, in fact, the 0.1uF caps  
> I'm looking for. Doesn't seem possible that they could have put the  
> incorrect caps in the kit.  
> Tnx.....Ed W4EN

-----  
Date: Fri, 25 Aug 2000 16:29:02 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [78088] Crippled Fox Tonight  
Message-ID: <96.8e12313.26d8310e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

0000-0100z 7.135  
0105-0200z 14.050

Recommend first 15min for those in zones 1-4

RST SPC NAME exchange

Remember I may send a few VVVV's to help you locate me. Sort of like a fox flicking his tail teasing the hounds (smile) Alan KB7MBI

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Date: Fri, 25 Aug 2000 16:38:52 -0400  
From: "Ed Nelson" <edxnelson@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [78089] Re: Cap question  
Message-ID: <05e301c00ed4\$7b1c9420\$2c490b18@prntn1.nj.home.com>

Once again many folks came through with great info in record time. Those that know say that the black arrow points at the Neg. lead and that the long lead will be positive.  
Thanks to all - now you can take the rest of the day off.  
Ed....W4EN

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Date: Fri, 25 Aug 2000 16:40:28 -0400  
From: Stanley A Mcintosh <mcintos@basf-corp.com>  
To: qrp-1@Lehigh.EDU  
Subject: [78090] unsubscribe qrp-1  
Message-ID: <85256946.00719051.00@basf-corp-gw01.basf-corp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

This is in no way a criticism of new management; I actually like the recent streamlining of list messages. However, with selling a house, moving, buying another, and changing jobs, I will not be able to manage even the new, improved list. I will resubscribe at a later date from home.

sincerest 72's  
stan  
kd4bth

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Date: Fri, 25 Aug 2000 17:03:40 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [78091] Gummer fold over mast?  
Message-ID: <d.92c04e4.26d8392c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I noted in the archives reference to a Gummer fold over mast. Could someone refer me to a site for this product (or project)? Alan KB7MBI

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Date: Fri, 25 Aug 2000 10:18:51 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [78092] Unique Screen Saver  
Message-ID: <3.0.5.32.20000825101851.009ad9e0@mail.ida.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Tired of watching toasters fly across your screen when your PC is idle? (Or those neat K2 photos?) Would you like to put your PC to good use when it is "idle"? If yes to any of the above, then check out  
<http://setiathome.ssl.berkeley.edu/>.

72/73, Larry W1HUE/7

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Date: Fri, 25 Aug 2000 17:20:14 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Cc: "NJQRP" <NJQRP@njqrp.org>  
Subject: [78093] Re: Gummer fold over mast?  
Message-ID: <003b01c00ee3\$581af2a0\$84ca9cce@gheron>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

We don't have a web page info sheet on it, as it is in limited supply (maybe



8 remaining), but the Gummer Antenna Mast Base was featured in a QRP Homebrewer article in the Winter 2000 issue.

Basically, it's a simple 1'x1' plywood base with two conduit brackets holding a "T" section of PVC tubing. The T-section stands "on its head", with a wood dowel in its up-pointing leg suitable to hold the bottom section of the popular fiberglass fishing poles (SD-20, Black Widow, DK9SK). This T-section is held in the upright position by the conduit brackets by two long spikes, and the T-section pivots down to lie flat for servicing, assembly or adjustment of the antenna-on-a-pole. Four long spikes anchor the plywood base onto the grass (typically), or is easily extended to be held flat and secure by a car tire on a paved surface.

The Gummer Bases are \$10 each, postpaid, from the NJQRP Club.

Hope this helps.

73, George N2APB  
n2apb@amsat.org  
for the NJQRP Club at <http://www.njqrp.org>

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I noted in the archives reference to a Gummer fold over mast. Could someone refer me to a site for this product (or project)? Alan KB7MBI

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Date: Fri, 25 Aug 2000 18:31:34 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [78094] End Fed Dipoles and Stuff  
Message-ID: <8.97f618a.26d84dc6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I got this site referral this morning from KI0II and it is super. End-fed 1/2 waves, dipole info and J-pole articles. It just mushrooms as you check referenced and related sites. I know, I am probably the last one to find out about this site but here goes anyways:  
<http://www.geocities.com/aa5tb/efha.html>

Put on a pot of coffee and set back in the easy chair for some interesting reading especially for new folks like me----Alan KB7MBI

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Date: Fri, 25 Aug 2000 18:36:05 -0400  
From: radioham@home.com  
To: qrp-1@Lehigh.EDU  
Subject: [78095] QRP ARCI Awards Clarification  
Message-ID: <3.0.6.32.20000825183605.007c8da0@24.2.2.70>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well folks, after you've been processing awards for a while, you get to see everything. I always thought it was pretty obvious from the QRP ARCI homepage at <http://www.qrparci.org> that the purpose of the awards program was to reward contacts made at QRP levels by at least one of the two hams in a QSO. Today I received my first application for a 1,000 mile per watt award where the lowest power used was 10 watts CW. If it has been 10 watts SSB PEP, we do accept that as QRP and there would have been no problem. But this was 10 watts CW, no question, no misunderstanding. It was 1,000 miles per watts based on a QSO distance of over 11,000 miles. Just about as far apart as you can get on this planet without coming back and tapping yourself on the shoulder.

Unfortunately, and I hope not to have this happen to any of you, I will not be able to issue the award. No QRP was involved and that is one of the absolute requirements for all QRP ARCI awards. If there has been any doubt in anyone's mind, this should clear it up. It doesn't matter if you talk from Earth to Mars - if one of you isn't running 5 watts or less, it ain't QRP and this organization will not be issuing an award. Since this is a first in nearly 2 years of issuing these awards, I guess just about everyone understands.

So go out there and run 5 watts or less CW, 10 watts SSB PEP and earn those awards. I do currently have a backlog due to being away a lot of the summer, but I am working through it and, if you have applied for, but not received one of our awards in the last 2 months, you will get it soon.

I wonder if the new Yaesu rig will set off a wave of award requests as every starts using one while walking to work :-).

72/73,

Steve, N4EUK  
QRP ARCI Awards Manager  
Reston, VA

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End of QRP-L Digest 1924

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